

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

Claim 1. (Currently Amended) Polyaddition compounds containing uretdione groups, ~~obtainable obtained~~ by reacting uretdione polyisocyanates formed from aliphatic and/or cycloaliphatic diisocyanates having exclusively secondary- and/or tertiary-attached isocyanate groups with a molar fraction of isocyanurate structures, based on the sum of uretdione groups and isocyanurate groups, of not more than 10%, with compounds reactive towards isocyanates.

Claim 2. (Currently Amended) Process for preparing polyaddition compounds according to Claim 1, in which

A) uretdione polyisocyanates formed ~~[[by]]~~ from diisocyanates having exclusively secondary- and/or tertiary-attached isocyanate groups, with a molar fraction of isocyanurate structures, based on the sum of uretdione groups and isocyanurate groups, of not more than 10%, ~~together where appropriate with the use of~~ and optionally

B) further diisocyanates and/or polyisocyanates in an amount of up to 70% by weight, based on the total weight of components A) and B), are reacted with

C) polyols of the number average molecular weight range from 62 to 2 000 and optionally

D) further isocyanate-reactive monofunctional compounds in an amount of up to 40% by weight, based on the total weight of components C) and D),

while observing an equivalents ratio of isocyanate groups to isocyanate-reactive groups of from 1.8:1 to 0.6:1.

Claim 3. (Currently Amended) ~~Use of polyaddition compounds according to claim 1 as starting components in the preparation~~ A method of preparing polyurethane plastics comprising reacting the polyaddition compounds according to Claim 1 with compounds having isocyanate-reactive groups.

Claim 4. (Currently Amended) ~~Use of polyaddition compounds according to claim 1 as starting components in the preparation~~ A method of preparing mouldings and shaped parts comprising reacting the polyaddition compounds according to Claim 1 with compounds having isocyanate-reactive groups.

Claim 5. (Currently Amended) ~~Use of polyaddition compounds according to claim 1 as starting components in the preparation~~ A method of preparing coating materials and coatings comprising mixing the polyaddition compounds according to Claim 1 with compounds having isocyanate-reactive groups and one or more auxiliaries and additives selected from the group consisting of catalysts, pigments, fillers, levelling agents and combinations thereof.

Claim 6. (Currently Amended) Polyurethane plastics obtainable obtained by reacting the polyaddition compounds according to Claim 1 with compounds containing isocyanate-reactive groups.

Claim 7. (Original) Powder coating formulations comprising polyaddition compounds according to claim 1.

Claim 8. (Currently Amended) Method of coating substrates, characterized in that a substrate is first coated with a powder coating formulation according to claim [[6]] 7

and is then subjected to a heat treatment and/or to treatment with actinic light, in the course of which a coherent coating film forms on the substrate from the powder coating formulation.